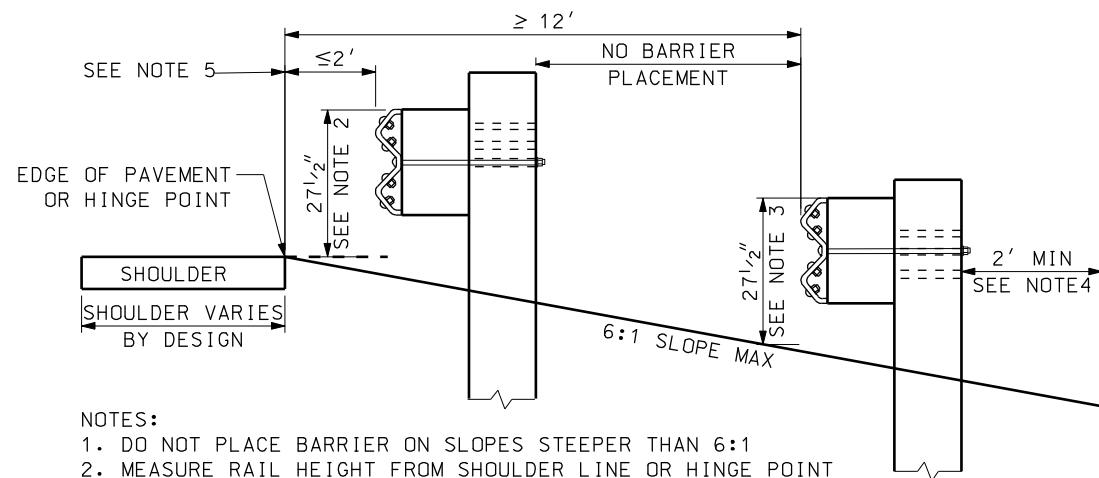


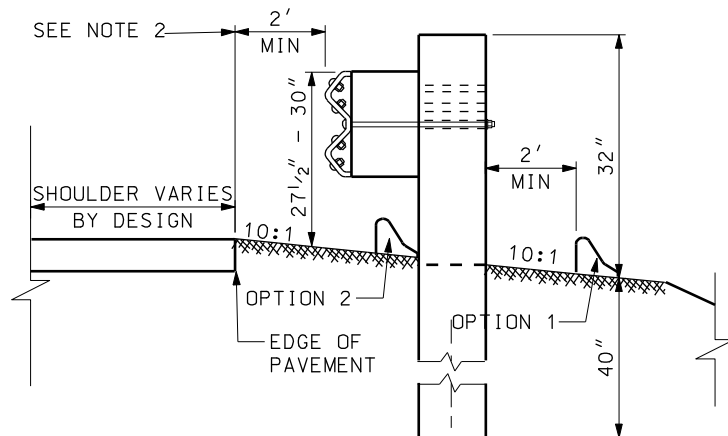
DCH File LA\Standard Drawings\Imperial\2008\Approved\X-Supplemental Issues\Supp4\Approved\B04E2.dgn 92-DEC-2008



NOTES:

1. DO NOT PLACE BARRIER ON SLOPES STEEPER THAN 6:1
2. MEASURE RAIL HEIGHT FROM SHOULDER LINE OR HINGE POINT EXTENDED. USE TOP HOLE OF POST TO SET RAIL HEIGHT WHEN PAVEMENT SURFACE, TRAVEL LANES, ARE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE PAVEMENT. USE BOTTOM HOLE OF POST TO SET RAIL HEIGHT WHEN PAVEMENT SURFACE, TRAVEL LANES, ARE CONSTRUCTED WITH HOT MIX ASPHALT (HMA).
3. MEASURE RAIL HEIGHT FROM GROUND LINE WHEN BARRIER IS PLACED 12 FEET OR GREATER FROM EDGE OF SHOULDER. USE CENTER BOLT HOLE FOR BLOCK AND RAIL ATTACHMENT.
4. USE 84 INCH POSTS IF THE 6:1 SLOPE CANNOT BE MAINTAINED 2 FEET BEHIND THE LINE POSTS.
5. WHEN ROADWAY DESIGN REQUIRES A 12' OR WIDER EFFECTIVE SHOULDER THE 2' MIN BARRIER OFFSET IS OPTIONAL.

BARRIER INSTALLATION ON 6:1 SLOPE



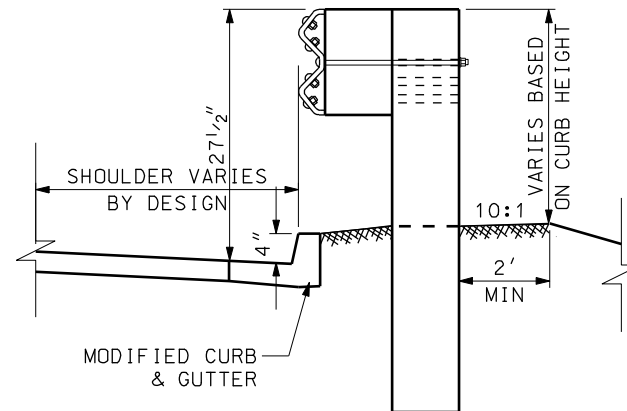
OPTION 1: PREFERRED INSTALLATION.

OPTION 2: PLACE FACE OF ASPHALT CONCRETE CURB BEHIND FACE OF RAIL. 2" MAXIMUM CURB HEIGHT WHEN USED IN FRONT OF POST.

NOTE:

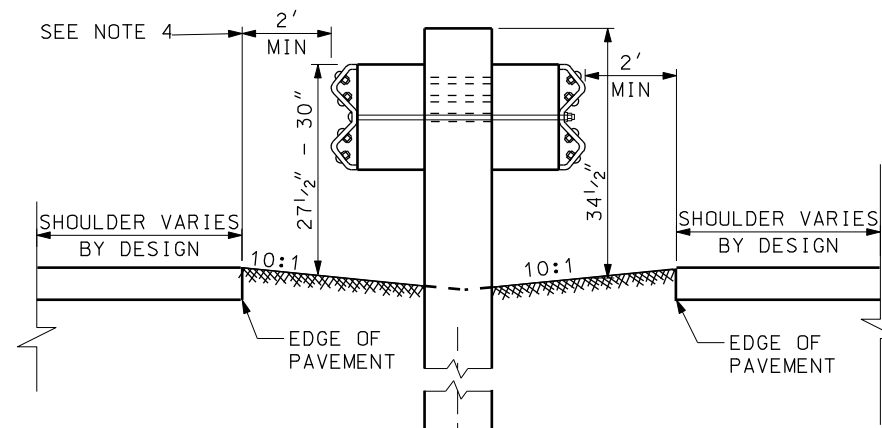
1. USE TOP HOLE OF POST TO SET RAIL HEIGHT WHEN PAVEMENT SURFACE, TRAVEL LANES, ARE CONSTRUCTED WITH PORTLAND CEMENT CONCRETE PAVEMENT. USE BOTTOM HOLE OF POST TO SET RAIL HEIGHT WHEN PAVEMENT SURFACE, TRAVEL LANES, ARE CONSTRUCTED WITH HOT MIX ASPHALT (HMA).
2. WHEN ROADWAY DESIGN REQUIRES A 12' OR WIDER EFFECTIVE SHOULDER THE 2' MIN BARRIER OFFSET IS OPTIONAL. (PLACE AS FAR OFF PAVEMENT AS PRACTICAL)

INSTALLATION W/ASPALT CONCRETE CURB



SEE STD DWG BA 4S SERIES FOR SPECIFIC INSTALLATION REQUIREMENTS

INSTALLATION W/MODIFIED  
TYPE B1 CURB & GUTTER  
USE 72" LONG POST



NOTES:

1. IF MEDIAN BARRIER IS PLACED 10' OR GREATER FROM TRAVEL LANES USE TOP HOLE TO MOUNT BLOCK & RAIL.
2. RAISE BOTH RAIL ELEMENTS AS PER RAIL ELEMENT RAISED DETAIL, WHEN REQUIRED.
3. ATTACH REQUIRED DELINEATION ON THE POST.
4. WHEN ROADWAY DESIGN REQUIRES A 12' OR WIDER EFFECTIVE SHOULDER THE 2' MIN BARRIER OFFSET IS OPTIONAL. (PLACE AS FAR OFF PAVEMENT AS PRACTICAL)

MEDIAN BARRIER

SUPPLEMENTAL DRAWING

UTAH DEPARTMENT OF TRANSPORTATION  
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
SALT LAKE COUNTY

RECOMMENDED FOR APPROVAL  
CHAIRMAN STANDARDS COMMITTEE  
DEPUTY DIRECTOR  
OCT.30,2008  
DATE  
OCT.30,2008  
DATE

W-BEAM GUARDRAIL  
INSTALLATIONS

STANDARD DRAWING TITLE

STD DWG  
BA 4E2

REVISIONS  
1 10-30-08 MEE NEW DRAWING. DETAILS MOVED FROM STD DWG B04E.